

Datasheet: VPA00362

Description:	RABBIT ANTI RPL10
Specificity:	RPL10
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Rabbit polyclonal antibody purified by affinity chromatography.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃).

Immunogen

KLH-conjugated synthetic peptide corresponding to aa 17-45 of human RPL10

**External Database
Links**

UniProt:

[P27635](#) [Related reagents](#)

Entrez Gene:

[6134](#) RPL10 [Related reagents](#)

Synonyms

DXS648E, QM

Specificity

Rabbit anti Human RPL10 antibody recognizes RPL10, also known as 60S ribosomal protein L10, Wilms tumor-related protein, laminin receptor homolog and tumor suppressor QM.

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of four RNA species and approximately 80 structurally distinct proteins. The RPL10 gene encodes a ribosomal protein that is a component of the 60S subunit. RPL10 belongs to the L10E family of ribosomal proteins. It is located in the cytoplasm. *In vitro.*, the chicken protein can bind to c-Jun repress c-Jun-mediated transcriptional activation. Alternative splicing results in multiple transcript variants. RPL10 also uses multiple polyA signals, with the 3'-most polyA signal overlapping the deoxyribonuclease I-like 1 gene on the opposite strand. RPL10 is co-transcribed with the small nucleolar RNA gene U70, located in its fifth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of RPL10 dispersed through the genome (provided by RefSeq, Feb 2012).

Rabbit anti Human RPL10 antibody detects a band of 25 kDa and has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti RPL10 detects a band of approximately 25 kDa in NIH/3T3 cell lysate.

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

12 months from date of despatch.

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

**Health And Safety
Information**

Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/VPA00362>
Antibody (10040)

Regulatory

For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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